

(12) UK Patent Application (19) GB (11) 2 114 578 A

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     19 Jun 1980      Harrow  
 (30) Priority data      Middlesex HA1 2ET

(31) 2831351  
     2912552  
     2912551

(32) 6 Nov 1979      (54) Polyacrylamide gel for medi-  
     28 Feb 1980      cal and biological application and  
     28 Feb 1980      method of its preparation

(33) Soviet Union (SU)      (57) A polyacrylamide gel for medi-  
 (43) Date of issue      cal and biological application con-  
     24 Aug 1983      tains polyacrylamide and physiolog-  
 (51) INT CL<sup>3</sup> (AS GIVEN BY  
     ISA) C08F 220/56 C08L  
     33/26

(52) Domestic classification      polyacrylamide      3.0-28.0  
     C3L DF      physiological solution      72.0-97.0  
     C3P JG  
     C3W 210 227  
     C3Y B370 E300  
     U1S 1040 1064 1068  
     1336 C3L C3P

(56) Documents cited by ISA      The method of preparation of the  
     GB A 1288438      said polyacrylamide gel comprises  
     GB A 1319751      polymerization of acrylamide to-  
     US A 3046201      gether with methylene-bis-acrylam-  
     SU A 659619      ide and elution of the final product,  
     (58) Field of search by ISA      both polymerization and elution be-  
     INT CI<sup>3</sup>  
     C08F 220/56  
     C08L 33/26  
     C12K 1/06  
     INT CI C08 15/02  
     C08F 29/00  
     German 39c 25/01  
     US-195-100  
     260-89.7  
     526-307  
     GB 2(6) P  
     C3P  
     C6F FR group 14 class 5  
     8 CH 37h AT 39-6 12  
     14  
     CA 400 401 402

(71) Applicant  
     Kievsky Meditsinsky  
     Institut Imeni  
     Akademika A  
     A Bogomolets (USSR)  
     252004 Kiev  
     br Shevchenko d 13  
     USSR

(72) Inventors  
     Vladimir Vladislavovich  
     Gashinsky  
     Ivan Petrovich Bilko  
     Anatoly Mikhailovich  
     Sokolyuk

(74) Agent and/or Address for  
 Service  
     Mathisen Macara and Co

ing carried out in the medium of  
 the physiological solution. The poly-  
 acrylamide gel can be used as a  
 base of nutrient mediums for grow-  
 ing microorganisms, artificial crys-  
 talline lenses and elastic contact  
 lenses.

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